

KERANE, M. - WITKOWSKA, A.

The influence of cations and anions of direct dyes in determining the properties of yellow ferric oxides. p. 88

PRZEMYSŁ CHEMICZNY. (Ministerstwo Przemysłu Chemicznego i Stowarzyszenie Naukowo-Techniczne Inżynierów i Techników Przemysłu Chemicznego) Warszawa, Poland. Vol. 38, no. 2, February, 1959

Monthly List of East European Accessions (EEAI) LC, Vol 8, no. 8, August, 1959 Uncl.

KRANZ, Maksymilian; JANOWSKI, Michal

Activated chrome temperature indicators. Chemia stosow 4 no.3/4:  
429-440 '60. (EEAI 10:9)

1. Katedra Chemii Nieorganicznej Uniwersytetu Adama Mickiewicza w  
Poznaniu.

(Chromium) (Temperature)

KRANZ, Maksymilian; KRZYZANIAK, Jaroslaw

Colorimetric determination of vanadium as vanadyl sulfate. Chem anal  
5 no.2:243-246 '60. (EBAI 10:3)

1. Katedra Chemii Nieorganicznej Uniwersytetu im. A.Mickiewicza,  
Poznan.

(Colorimetry) (Vanadium) (Vanadium sulfates)

KRANZ, MAKSYMILIAN

Distr: 4E2c(m)

✓ Oxidation of vanadous sulfate,  $V_2(SO_4)_3$ , in the presence of trace amounts of various substances. Maksymilian Kranz (A. Mickiewicza Univ., Poznań, Poland). *Poznań Towar. Przyrod. Nauk., Wydział Mat.-Przyrod., Prace Komisji Mat.-Przyrod.* 7, No. 10, 31-9 (1960).— $V_2(SO_4)_3$  was oxidized for 45 min. at 20° with  $KMnO_4$  at both pH 4 and 12, in the presence of trace amts. of  $Hg(NO_3)_2$ ,  $NaH_2PO_4$ ,  $K_2Cr_2O_7$ ,  $Na_2HAsO_4$ , all of which accelerate the oxidn., and in the presence of  $KCN$ ,  $K_4Fe(CN)_6$ ,  $HAuCl_4$ ,  $H_2PtCl_6$ ,  $PdCl_2$ ,  $K_2TeO_6$ , all of which inhibit the oxidn. Addns. of mixts., e.g.  $KBr + KI$ , one of which accelerates and the other inhibits the oxidn., if used alone were also investigated. Such mixts. were more thoroughly investigated if one constituent was  $(NH_4)_2MoO_4$ . At pH = 4,  $V^{4+}$  is the final product, at pH = 12,  $V^{5+}$  is the final product of the oxidn.  $K_4Fe(CN)_6$  and  $KCN$  can prevent oxidn. of  $V^{4+}$ ; mixts. of  $Cu^{++} + WO_4^{--}$  or  $HAsO_4^{--} + WO_4^{--}$  accelerate the oxidn. most. Oxidation of vanadyl sulfate,  $VOSO_4$ , in the presence of small amts. of other materials. *Ibid.* 41-51.—The work done with  $V_2(SO_4)_3$  was repeated with  $VOSO_4$ , the same salts being added except that the expts. were made at pH = 4, 8, 10, and 12. The oxidn. at pH = 4 requires 25 hrs. to go to completion, whereas at pH = 12 only 20 min. is required. At this latter pH certain ions, such as  $Cu^{++}$  and  $Cr_2O_7^{--}$ , act as accelerators of the oxidn., whereas others, such as  $Br^-$ ,  $PtCl_6^{--}$ ,  $I^-$ , stabilize the  $V^{4+}$ .

Werner Jach...

KRAWZ, Maksymilian

Oxidation of vanadium compounds in the presence of trace substances. Przem chem 39 no.1:18-20 Ja '60.

1. Katedra Chemii Nieorganicznej, Uniwersytet im. A. Mickiewicza, Poznan.

KRANZ, Maksymilian

Extra-fine calcium carbonate dispersed by means of mechanical and topochemical methods. Mat chemia 4:11-21 '61.

1. Uniwersytet im. Adama Mickiewicza w Poznaniu, Katedra Chemii Stosowanej.

KRANZ, Maksymilian

Depletion of metallic copper from copper sulphate solutions  
( $\text{CuSO}_4$ ) through vanadium (II) sulphate ( $\text{VSO}_4$ ). Mat. przyrod.  
Poznan 10 no.1/1-5:41-48. '61.

1. Katedra Chemii Stosowanej, Uniwersytet im. A. Mickiewicza,  
Poznan

KRAMZ, Maksymilian

Depletion of metallic copper and silver from their sulphate solutions through vanadium (III) sulphate  $V_2(SO_4)_3$ . Mat. przem. Poznan 10 no.1/1-5:49-63 '61.

1. Katedra Chemii Stosowanej, Uniwersytet im. A. Mickiewicza, Poznan.

KRAJE, Maksymilian; KRZYZANIAK, Jaroslaw

Influence of trace substances upon the reduction of vanadium (V)  
by sodium sulfite. Colorimetric studies. Roczniki chemii 36  
no.1:3-10 '62.

1. Institute of Applied Chemistry, A.Mickiewicz University, Poznan.

← KRANZ, Maksymilian; WITKOWSKA, Anna; KOZLOWSKI, Ryszard

Preliminary research on the stability of  $\text{Cr SO}_4$  solutions.  
Prace matemat. przyrod. Poznan 10 no.2:125-134 '62.

1. Katedra Chemii Stosowanej, Uniwersytet im. Adama  
Mickiewicza, Poznan.

KRANZ, Maksymilian

Preparation of stable vanadium (II) hydroxide  $V(OH)_2$ .

Chemia stosow 7 no. 2:237-243 '63.

1. Katedra Chemii Stosowanej, Uniwersytet im. Adama Mickiewicza,  
Poznan.

KRANZ, Maksymilian; KRZYZANIAK, Jaroslaw; GUTLER, Edward

Experiment in separating germanium from flue dust, coal,  
and pyrite ashes. Chemia stosow 8 no. 1:39-43 '64.

1. Department of Applied Chemistry, A.Mickiewicz University,  
Poznan.

POLGAR, Andras; KRANZ, Pal

Application of plastics in the manufacture of built-in furniture.  
Faipar 13 no.5:150-153 My '63.

CALALB, G.; STANICA, Ecaterina; SARAGEA, Alice; MAXIMESCO, Paula; KRANZDORF, H.; MEITERT, Eugenia; STOIAN, Cecilia.

Brief review on the progress made in specific diphtheria prophylaxis in Rumania. Arch. roum. path. exp. microbiol. 23 no.3: 585-590 S'63

1. Travail de l'Institut "Dr. I. Cantacuzino"; Service de la Diphterie; Bucarest.

POENARU, Elena; ESRIG, Mira; LAZAR, M.; LASCO, N.; KRANZDORF, H.

Contribution to the study of tetanus toxoid adsorbed on a mineral support, with or without previous purification. I. Arch. roum.path. exp. microbiol. 23 no. 3:667-674 S '63.

1. Laboratoire du Tetanos (for Peonaru, Esrig, Lazar, Lasco).
2. Laboratoire pour la Purification des antigenes (for Kransdorf). Travail de l'Institut "Dr. I. Cantacuzino.", Bucarest.

OLARU, A.; BITTNER, J.; VOINESCO, V.; FICIU, S.; KRANZFELD, W.  
Collaboration technique: NEACSH, Victoria; NEDELF, "lorica;  
OLARU, Rodica

Research on an anaerobe polytoxoid. IV. Preliminary data on  
experimental active immunization with a concentrated and  
purified gangrenous tritoxoid adsorbed on aluminum phosphate.  
Arch. roum. path. exp. microbiol. 23 no. 3:675-680 S '63.

1. Laboratoire de la Gangrene (for Olaru, Bittner, Vionescu,  
Ficiu). 2. Laboratoire de Purification des Antigènes (for  
Kranzdorf). Travail de l'Institut "Dr. I. Cantacuzino",  
Bucarest.

KRAPAC, I.

Opening of the course for improving road surveyors in Zagreb,  
p. 282. CESTE I MOSTOVI. (Uprava za ceste NR Hrvatske  
Zagreb. Vol. 4, no. 7, July 1956

SOURCE: East Europe Accession Lists (EEAL),  
Library of Congress, Vol. 5, no. 11, Nov. 1956

1. APRIL, 1.

1. APRIL, 7. Celebrations of the 2nd Congress of the Republic of Poland at Bial. p. 110.

Vol. 4, No. 11, Nov. 1956.

CHINA 1956

TICHS 1956

La robe, introduction

So: East European Association, Vol. 6, No. 7, February 1957

KRAPACEK, Josef, As. MUDr (Brno, Tvrdeho 10)

Surgical treatment of mitral stenosis. Lek. listy, Brno 9 no.22:  
520-524 15 Nov 54.

1. I. chirurgická klinika MU v Brně. Prednosta prof. MUDr Josef  
Podlaha.

(MITRAL STENOSIS, surgery.)

L 60448-65

ACCESSION NR: AT6017378

UR/0000/64/000/000/0019/0024

AUTHOR: Dikovskiy, Ya. M. (Novosibirsk); Kravtsov, I. I. (Novosibirsk); Tsapenko, M. P. (Doctor of technical sciences, Novosibirsk)

TITLE: Relay with a single-reed magnetically controlled contact

SOURCE: Konferentsiya po avtomaticheskomu kontrolyu, i metodam elektricheskikh izmereniy. 3d, Novosibirsk, 1961. Avtomaticheskii kontrol' i metody elektricheskikh izmereniy; trudy konferentsii, t. 2: Tsifrovyye izmeritel'nyye pribory, Elektricheskoye izmereniya neelektricheskikh velichin. Ustroystva avtomaticheskogo kontrolya i upravleniya v promyshlennosti (Automatic control and electrical measuring techniques; transactions of the conference, v. 2: Digital measuring instruments. Electrical measurements of nonelectrical quantities. Devices for automatic control and regulation in industry). Novosibirsk, Radizdat Sib. otd. AN SSSR, 1964, 19-24

TOPIC TAGS: single-reed contact, magnetically controlled contact, single-reed contact relay, switch design

ABSTRACT: After describing the existing two-reed magnetically controlled contacts used in the West, the authors describe in detail the construction of simple, miniature, universal, reliable, and technologically useful single-reed magnetically controlled

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ACCESSION NR: AT5017378

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contacts. They can be used for the switching of low-power circuits for automation, telemechanics, and measuring device technology. Relays with the newly designed magnetically controlled contacts may be used for vibro-converters, dynamic condensers, frequency multipliers and dividers, and for logical, memory, and phase-sensitive elements. Orig. art. has: 6 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 11Nov64

ENCL: 00

SUB CODE: EE, IE

NO REF SOV: 003

OTHER: 006

*dm*  
Card 2/2

HORNACEK, J.; HLADOVEC, J.; KRAPATOVA, J.

Methods of evaluating antilipemic action in vivo and in vitro  
in rats. Cas. lek. česk. 102 no.23:641-644 7 Je '63.

1. Vyzkumny ustav pro farmacii a biochemii v Praze a pobočka  
v Rosicích n/L, reditel inz. dr. O. Nemecek.  
(BLOOD LIPIDS) (HEPARIN) (ESTERASES)  
(LIPOPROTEIN LIPASE)

*KRAPIVIN, M. G.*

AUTHOR: None Given.

24-1-25/26

TITLE: New methods of investigation of the processes of disruption of rocks by mechanical methods. (Novyye metody issledovaniya protsessov razrusheniya gornykh porod mekhanicheskimi sposobami).

PERIODICAL: Izvestiya Akademii Nauk, Otdeleniye Tekhnicheskikh Nauk, 1958, No.1, p.143 (USSR).

ABSTRACT: Over 160 investigations are proceeding in the Soviet Union relating to the breaking up of rocks. At the Institute of Mining (Institut Gornogo Dela) a conference was held between September 25 and 27, 1957 with the participation of establishments of the Ac.Sc. and other research institutes as well as representatives of over fifty organisations. Doctor of Technical Sciences, Prof. M. M. Protod'yakonov presented a paper on the aims of the conference; the first day was to be devoted to methods of investigation of processes of drilling blast holes and wells. N. N. Simonov in his paper "Technique of investigation of the power consumed for drilling shot holes in the case of forced feeding of the drilling bit" and M. G. Krapivin in his paper "Technique of investigation of the operation of the tool bit of an electric drill"

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24-1-25/26

New methods of investigation of the processes of disruption of rocks by mechanical methods.

reported on the work proceeding in the Novocherkassk Polytechnical Institute (Novocherkasskiy Politekhicheskiy Institut).

A. A. Volkov, Khar'kov Mining Institute (Khar'kovskiy Gornyy Institut) read the paper "Prospects of application of electrical methods of measuring the parameters of the drilling process" using an induction torsion dynamometer developed by this author. The application of wire strain gauges, piezo-electric and inductive pick-ups and of stroboscopic photography was considered in the paper "Methods and techniques of investigation of certain elements of the process of drilling and operation of drilling apparatus" by Ye. F. Yepsheyn, Dnepropetrovsk Mining Institute (Dnepropetrovskiy Gornyy Institut).

S. G. Kaloshin, Institute of Mining, Ac.Sc. Kazakh SSR (Institut Gornogo Dela Akademii Nauk Kazakhskoy SSR) described the study by means of stereophotography of the profile of a channel formed in the rock during the impact of the drill. The paper of V. I. Dusev, Moscow Institute of Non-Ferrous Metals and Gold (Moskovskiy Institut Tsvetnykh Metallov i Zolota) dealt with the technique of

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New methods of investigation of the processes of disruption of rocks by mechanical methods.

investigation of the effectiveness of disruption of rocks in the case of impact-swivelling drilling by means of drilling bits of various designs. During the discussion of the above papers O. D. Anisimov, Tomsk Polytechnical Institute (Tomskiy Politekhicheskiy Institut) described a stand for operating rotational, impact-swivelling, impact-rotational methods of drilling. M. M. Protod'yakonov pointed out that for a number of asymptotic relations evaluation of experimental data on logarithmic coordinate grids is inapplicable and he proposed the use of rectified curves by applying shifted hyperbolas. In his paper "Methods of investigation of the mechanical properties of rocks at high pressures" M. P. Volorovich, Institute of Physics of the Earth, Ac.Sc. USSR (Institut Fiziki Zemli Akademii Nauk SSSR) gave a general review of investigations carried out outside the Soviet Union, in addition to expressing certain views himself. R. M. Eyveles (VNIIBurneft') read a paper on the methods of synchronisation of recordings of a large number of metering instruments when studying rapid non-repetitive processes (impact of a blade edge on rock) and also for studying elementary acts of disruption on a

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New methods of investigation of the processes of disruption of rocks by mechanical methods.

transparent material (glass) by means of polarised light and high speed filming (to 4000 frames per second). In his paper "Technique of investigations of the execution organ of the Kiev mechanised heading machine" K. B. Shlyapin, VNII-Transport Construction (VNII Transportnogo Stroitel'stva) dealt with experimental work under mine conditions. V. P. Fomichev described in his paper the technique of laboratory investigations of the force of feeding the cutting bit during cutting of mined coal. Members of the Institute of Building Materials and Structures of the Armenian SSR, Ac. Sc. (Institut Stroitel'nykh Materialov i Sooruzheniy AN Armyanskoy SSR) presented two papers, namely, "Technique of investigation of the process of splitting natural stones by blades with wedges during static and dynamic operation" (A. A. Abramyan) and "Technique of investigation of friction and wear during cutting of rocks" (K. S. Vardanyan). In the discussions R. L. Zagorskiy, All-Union Coal Research Institute VUGI (Vsesoyuznyy Nauchno-Issledovatel'skiy Ugol'nyy Institut VUGI) described briefly a test stand for planetary

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24-1-25/26

New methods of investigation of the processes of disruption of rocks by mechanical methods.

cutting of rocks and Chumak, All-Union Research Institute for the Organisation and Mechanisation of Mine Construction VNIOMShS (Vsesoyuznyy Nauchno-Issledovatel'skiy Institut Organizatsii i Mekhanizatsii Shakhtnogo Stroitel'stva VNIOMShS), described a test stand for investigating vibro-impact drilling. In the resolutions it was mentioned that, in spite of known achievements in the field of developing experimental methods and techniques for studying processes of disruption of rocks, utilisation of the latest achievements in physics is lagging. For instance, radioactive isotopes, semi-conducting instruments etc. are not being used on an adequate scale. It was also pointed out that most institutes were forced to design and build strain gauge apparatus and a number of metering instruments on a very small scale and evidently it will be necessary to organise centralised manufacture of such apparatus.

Card 5/5

(Note: This is an almost complete translation).

AVAILABLE: Library of Congress.

KRAPCHAN, Ye.; KHNURIN, P.; SUVOROV, K.

Let's finish what we have begun. Okhr.truda i sots.strakh.  
no.12:37-39 D '59. (MIRA 13:4)

1. Predsedatel' postoyanno deystvuyushchego proizvodstvennogo  
soveshchaniya Orshanskogo l'nokombinata (for Krapchan). 2. Predse-  
datel' komissii okhrany truda Orshanskogo l'nokombinata (for  
Khnurin).

(Orsha—Textile industry—Hygienic aspects)

KRAPCHEV, B.; IVANOV, V.

Enlarged indexes for determining heat losses in public and industrial buildings. p. 173.  
(Izvestiia, Vol. 4, 1956, Bulgaria)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 6, June 1957, Uncl.

KRAPCHEV, B., inzh.

Rolled-thread head for straightway knurling. Ratsionalizatsiia 14 no. 1: 17 '64.

Universal small blades for the cutting tools in harvesting machines. Ibid.: 17.

Method, instrument, and machine for internal threading. Ibid.: 18.

KRAPCHEV, B.

Problem in deaeration of water gravitational and pumping heating systems; protecting and computing deaerated water pipes. p. 27.

TEZHKA PROMISHLENOST. (Ministerstvo na tezhkata promishlenost) Sofia, Bulgaria.  
Vol. 8, no. 8, Aug. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1960.  
UNCL

TSARSKI, P., inzh.; KRACHEV, B., inzh.; TORTOMANOV, Ant.; SHENTOV, L.

Reconditioning of worn-out parts by electrolytic chromium  
plating. Elektrounergiia 12 no.11/12:49-51 M-D '61:

KRAPCHENOV, Bozh., Inzh.

Reversible rotor lathe for compressed air. Patent application  
14 nos. 17-18 '64.

Rain sprayer with rotary cone. 1964. 18

Limiter of the tool rest motion. 1964. 18

KRAPCHEV, Bozh., inzh.

A device for automatic recording of the quantity and conditions  
of surface water outflow. Ratsionalizatsiia 14 no. 3:18 '64.

KRAPCHEV, Bozh., inzh.

Membrane press for lamination. Ratsionalizatsiia 14  
no.9:16-17 '64.

SOV/137-58-7-14288 D

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 7, p 47 (USSR)

AUTHOR: Krapchin, I.P.

TITLE: Ways to Increase the Economic Effectiveness of the Utilization of Secondary Power Resources in Ferrous Metallurgy (Puti povysheniya ekonomicheskoy effektivnosti ispol'zovaniya vtorichnykh energeticheskikh resursov v chernoy metallurgii)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Candidate of Economic Sciences, presented to the Mosk. ekon. in-t (Moscow Institute of Economics), Moscow, 1957

ASSOCIATION: Mosk. ekon. in-t (Moscow Institute of Economics), Moscow

1. Industrial plants--Power aspects    2. Industrial plants--Economic aspects

Card 1/1

KRAPCHIN, I. P.

AUTHOR: Krapchin, I.P.

133-58-3-22/29

TITLE: Calculation of Net Cost of Steam Generated in Waste Heat Boilers (Kal'kulirovaniye sebestoimosti para utilizatsionnykh ustanovok)

PERIODICAL: Stal', 1958, <sup>18</sup>Nr 3, pp 253-256 (USSR)

ABSTRACT: This is a discussion of the problem as to the correct structure for steam generated in waste heat boilers and the influence of these costs on the costs of production of basic products. It is concluded that products obtained on the basis of waste heat should be considered as objects of expenditure and, therefore, a part of fuel expenses in the production of steel should be charged to steam from waste heat boilers and from equipment for evaporation cooling. Waste heat from open-hearth melting shops should be evaluated according to the prices of fuel for boilers, i.e. using the price of fuel which is economised by utilising the waste heat. The economy obtained by utilising waste heat should be evaluated as a difference between the saving in fuel and additional costs on exploitation.

ASSOCIATION: Sovet po izucheniyu proizvoditel'nykh sil pri AN SSSR  
Card1/1 (Council for Studies of Productive Capacity at the  
Ac.Sc. USSR)  
AVAILABLE: Library of Congress

KASHURICHEV, A. P. (Moskva); KRAPCHIN, I. P. (Moskva)

Economic evaluation of fuel consumption at electric power plants.  
Izv. AN SSSR. Otd. tekhn. nauk. Energ. i avtom. no. 6:5-15 N-D '59.  
(MIRA 13:8)

(Electric power plants)

KRAPCHIN, I.P.

Prospects for the development of the coal industry in Eastern  
Siberia. Izv.Sib.otd.AN SSSR no.12:3-12 '60. (MIRA 14:2)

1. Sovet po izucheniyu proizvoditel'nykh sil AN SSSR.  
(Siberia, Eastern--Coal mines and mining)

KRAPCHIN, Ivan Petrovich; SEMENOV, L.V., kand. ekon. nauk, otv.  
red.; OL'FERT, A.I., red.izd-va; ASTAF'YEVA, G.A.,  
tekhn. red.

[Economics of the treatment of the Krasnoyarsk coals by  
the briqueting and semicoking methods] Ekonomika perera -  
botki krasnoiarskikh uglei metodami briketirovaniia i po-  
lukoksovaniia. Moskva, Izd-vo AN SSSR, 1963. 80 p.

(MIRA 16:11)

(Krasnoyarsk Territory--Coke industry)

(Krasnoyarsk Territory--Coal preparation)

SHELEST, V.A.; KRAPCHIN, I.P.; GRYUNTAL', Yu.L.; VOZNESENSKIY,  
A.H., prof., otv. red.

[Problems of the development and distribution of electric  
power in Central Asia] Problemy razvitiia i razmeshcheniia  
elektroenergetiki v Srednei Azii. Moskva, Nauka, 1964.  
189 p. (MIRA 17:9)

VOLKOV, G.M.; KRAMCHEN, I.P.; SEMENOV, Lev Vladimirovich,  
retiree; ZEMKIN, Yur Samoylovich, doktor ekon. nauk,  
otv. red.

[Problems in the economics of the mining and processing  
of brown coals] Problemy ekonomiki dobychi i pererabotki  
burykh ugley. Moskva, Nedra, 1964. 107 p.  
(MIRA 17:8)

KRAPCHITOV, V.S.

Technical and economic efficiency in the modernization of devices.  
Avtom., telem. i sviaz' 3 no.4:26-28 Ap '59. (MIRA 12:5)

1. Nachal'nik sluzhby signalizatsii i svyazi Litovskoy dorogi.  
(Railroads--Electric equipment)

KRAPES, D.

"Sources of electric energy in electrolytic plants." p. 203. (Nova Proizvodnja. Vol. 4, no. 3/4, Sept. 1953. Ljubljana.)

SO: Monthly List of East European Accessions. Vol. 3, no. 3. Library of Congress. March 1954.  
Uncl.

KRAPES, D.

KRAPES, D. Electric traction, kinds of current, tension and transformation of current in mining.

Vol. 6, No. 1, Apr. 1955, NOVA PROIZVODNJA

SO:Monthly List East European Accessions (EEAI), LC, Vol. 5, No.3  
March, 1956

KRAPES, Dusan, inz. (Ljubljana);

Automatic mercury switch for staircase lighting. Elektr  
vest 30 no. 8/9:218-222 '62/'63.

1. "Elektroinstitut", Ljubljana, Hajdrihova 2. Member of  
the Main Board of Editors, "Elektrotehniski vestnik".

KUMAR, L. P., and SHARMA, A. V.

"Method of Polyatomic Oxy-Compound for Synthesis of Hydroxide, h.  
Extraction of Sol of Iron Hydroxide in the Presence of Water," Similar,  
62, 1718, 1930; Solli-a, 54, 73, 1931.

KRAPF, K.

GEOGRAPHY & GEOLOGY

Periodical: RUCH TURYSTYCZNY. No. 1, Jan./Mar. 1958.

KRAPF, K. The problem of finance in tourism; in the light of economic policy. p. 26.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 5,  
May 1959, Unclass.

KRAPF, Ye.Ye.

Activities of the World Health Organization in the field of mental health. Zhur.nevr.i psikh. 60 no.9:1209-1222 '60. (MIRA 14:1)

1. Rukovoditel' otдела psikhicheskogo zdorov'ya Vsemirnoy Organizatsii Zdorov'ya.

(MENTAL HEALTH)

(WORLD' HEALTH ORGANIZATION)

*Kaniak, Jozef*  
KANIAK, Jozef; KRAPIK, Zbigniew

Clinical and electrocardiographic observations of a syndrome following  
paroxysmal tachycardia. Polski tygod. lek. 12 no.43:1662-1665 28 Oct 57.

1. Z Zakladu Chorob Wewnetrznych Instytutu Doskonalenia i Specjalizacji  
Kadr Lekarskich; oddzial we Wroclawiu na bazie Szpitala im. J. Babinskiego:  
kierownik: doc. dr med. Jozef Kaniak. adres: Wroclaw, ul. Szymanowskiego 1.

(TACHYCARDIA, PAROXYSMAL, complications,  
seq., immediate, clin. & ECG aspects (Pol))

(ELECTROCARDIOGRAPHY, in var. dis.  
paroxysmal tachycardia immediate seq. (Pol))

PEREVALOV, G.Ye.; KRAPIN, S.P., dotsent, otv. red.; MISHAGIN, V.N., kand.  
tekhn.nauk, red.; PEREVALOV, G.Ye., starshiy prepodavatel', red.

[Linear measure of plane continua.] O lineinoy mere ploskikh  
kontinuumov. [Omsk] 1962. 26 p. (Tyumen'. Gosudarstvennyi  
pedagogicheskii institut. Kafedra matematiki. Uchenye zapiski,  
vol.13, no.3) (MIRA 18:6)

LEMBERK, B.Ye., kandidat med. nauk, starshiy nauchnyy sotrudnik; KRAPIVA, A.N.

Functional formation of the occlusive surface of the teeth in full prosthesis. Stomatologiya no.6:44-47 N-D '54. (MRLA 8:1)

1. Iz ortopedicheskogo otdela (zav. B.Ye.Lemberk) Odesskogo nauchno-issledovatel'skogo stomatologicheskogo instituta (dir.- kandidat med. nauk M.N.Kukhareva)

(TEETH

occlusion surfaces, funct. form. in full prosthesis)

(DENTAL PROSTHESIS, FULL

occlusion surfaces of teeth, funct. form.)

KRAPIVENKO, L.G.

Nitrogen nutrition of rice in Kzyl-Orda Province. Fiziol.rast.  
6 no.6:725-729 N-D '59. (MIRA 13:4)

1. Botany Institute of the Kazakh S.S.R. Academy of Sciences,  
Alma-Ata.

(Kzyl-Orda Province--Rice--Fertilizers and manures)  
(Plants, Effect of nitrogen on)

KRAPIVENKO, L.G.

Effect of mineral fertilizers on the rice yield in Kzyl-Orda Province.  
Vest. AN Kazakh. SSR 20 no:7:10-20 J1 '64.

(MIRA 17:11)

KRAPIVENKO, L.G.

Effect of mineral fertilizers on rice cultivated under  
continuous irrigation. Vest.AN Kazakh.SSR 16 no.6:  
83-84 Je '60. (MIRA 15:7)  
(Rice--Fertilizers and manures)

KRAPIVENKO, Lidiya Georgiyevna

[Effect of fertilizers on rice and their efficient use]  
Vliianie udobrenii na ris i ratsional'noe ikh primeneniye.  
Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 44 p.  
(MIRA 16:4)

(Rice--Fertilizers and manures)

PRAFIVENSKIY, I. I.

The following is among dissertations of the Leningrad Polytechnic Institute imeni Kalinin:

"Analysis of the Sensivity and Error in the Electrical Diagram of the Method of Electrodynanic Analogy." 21 February 1947. Investigation was made of method determining the potentials and the voltage of the electrical field in electrolytic baths, with the current flowing around the grates of profiles made of insulating materials. The resulting data can be used, as an example, for solving problems of the determination of the speed distribution along the profile of a turbine vane and air plane wing, stress distribution in twisting rolls of machines, investigation of filtration through soils, and various other problems.

SC: M-1048, 18 Mar 56

FAL'KENSHTEYN, I.V.; KRAPIVENSKIY, Z.N.

Making molds for plastics. Mashinostroitel' no.11:22-23 N '61.  
(MIRA 14:11)

(Plastics--Molding--Equipment and supplies)

KRAPIVENSKIY, Z.N.; FAL'KENSHTeyN, I.V.

Automatic head for measured cutting of ingots. Mashinostroitel'  
no.6:22 Je '62. (MIRA 16:5)  
(Cutting machines)

ACC NR: AP6034910

(A)

SOURCE CODE: UR/0422/66/000/008/0037/0040

AUTHOR: Krapivenskiy, Z. N.; Kurachenko, Yu. P.

ORG: none

TITLE: Evaluation of the quality level of mechanical engineering products

SOURCE: Standarty i kachestvo, no. 8. 1966, 37-40

TOPIC TAGS: quality control, statistic analysis, government economic planning

ABSTRACT: The authors introduce a generalized quality level which is the ratio of the generalized quality indicator of the given product ( $I'_q$ ) to that of a product accepted as standard ( $I_q$ ). If the product is in the planning stage, this ratio must be multiplied by a coefficient of expectation ("perspective"). The indicators  $I'_q$  and  $I_q$ , in turn, are the sums of different indicators, each reflecting different aspects of the product (cost, technological parameters, standardization, patentability, aesthetic appeal), each entering into the sum with its own assigned weight. As an example, a new type of a motoroyole is evaluated in comparison with an older type. Orig. art. has: 8 equations.

SUB CODE: 1305 SUBM DATE: none/ ORIG REF: 009

Card 1/1

L 53603-25 EPA/EWE(1)/EPF(a)-2/EPF/T-2/EPA(ED)-2 Paa-4/Pa-4 NW  
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ACCESSION NR: AP5011076

AUTHORS: Zakharov, N. N.; Krapivensky, A. N.

TITLE: A system for regulating the automotive gas turbine engine TurboNAMI 055

SOURCE: Avtomobil'naya promyshlennost', no. 4, 1965, 18-22

TOPIC TAGS: engine, engine assembly, turbines, turbine engine, turbocompressor/  
 TurboNAMI 055, ZIL-127 transit bus

ABSTRACT: The makeup and operation of the power regulation system for the gas turbine engine TurboNAMI-055 (currently undergoing service tests in the transit bus designated ZIL-127) are described. The regulation system consists of the following basic elements (see Fig. 1 on the Enclosure): a high-pressure fuel pump, a constant pressure regulator, a pickup valve, a turbocompressor speed governor, and governors of the traction turbine and jet. Fuel is pumped at a pressure of up to 90 kg/cm<sup>2</sup>, and the turbine is capable of 3000 rpm rotation. The turbine is described in terms of the operation of three systems: the fuel system, electrical system, and pneumatic system. Particular attention is given to elements which take part in turbine speed regulation and to power control. Other data give the variation of system efficiency.

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L 53603-65

ACCESSION NR: AP5011076

with temperature, fuel consumption characteristics, etc. The authors noted that the initial 16 000 kilometers of road tests indicate the turbine engine to be adaptable for land transport use. Orig. art. has 6 figures.

ASSOCIATION: WAMI

SUBMITTED: 00

ENCL: 02

SUB CODE: 00, PR

NO REF SOV: 000

OTHER: 000

Card 2/4

GORODINSKIY, S.M.; ZOLINA, Z.M.; KRAPIVENTSEVA, S.I.; SHEUDYAKOVA, M.P.;  
SHIRSKAYA, V.A.

Sanitary aspects of working conditions in spectrum analysis laboratories.  
Gig.sanit., Moskva no.3:32-38 Mar 1951. (CLML 20:7)

1. Of the Institute of Labor Hygiene and Occupational Diseases of  
the Academy of Medical Sciences USSR.

KRAPIVIN, A.

Prevented explosion. Pozh. delo 6 no. 11:15 N '60.  
(MIRA 13:12)  
(Firemen)

KRAPIVIN, A.

USSR/Electronics - Transmitters Television Ultrashort Waves

May 55

"Important Matters," N. Dokuchayev

Radio, No 5, pp 38-39

Description of work done by A. Teplyakov and A. Krapivin in designing an FM usw transmitter for the sound accompaniment of the Tallin Educational Television Center. The TV center has not been completed and seven groups have been organized in the Tallin Radio Club to work on it. The usw transmitter is now being used for exptl broadcasting.

PA 255T107

VARGIN, S.N.; BURASHNIKOV, V.L.; KRAPIVIN, A.F.; ILOVAYSKIY, N.D., starshiy nauchnyy sotrudnik

Electronic digital computers speed up the formation and departure of trains. Zhel.dor.transp. 47 no.4:21-24 Ap '65.

(MIRA 18:6)

1. Zamestitel' nachal'nika Sverdlovskoy dorogi (for Vargin).
2. Nachal'nik stantsii Sverdlovsk-Sortirovochnyy (for Burashnikov).
3. Nachal'nik gruzovogo otdela Sverdlovskogo otdeleniya dorogi (for Krapivin).
4. Ural'skoye otdeleniye Vsesoyuznogo nauchno-issledovatel'skogo instituta zheleznodorozhnogo transporta Ministerstva putey soobshcheniya (for Ilovayskiy).

KRAPIVIN, A.F.; YARMOLENKO, V.Ye., kand.tekhn.nauk (Sverdlovsk)

New developments in the technology of classification yard operations. Zhel.dor.transp. 42 no.8:67-71 Ag '60. (MIRA 13:8)  
(Railroads--Hump yards)

KRAPIVIN, A.F. (Sverdlovsk); MUKHAMEDOV, G.A., kand.tekhn.nauk (Sverdlovsk);  
KRAVTSOV, S.D. (Sverdlovsk)

New developments in the classification station. Zhel.dor.-  
transp. 44 no.11:77-78 N '62. (MIRA 15:11)

1. Glavnyy inzh. stantsii Sverdlovsk-Sortirovochnyy (for Krapivin).
2. Nachal'nik mekhanizirovannoy gorki stantsii Sverdlovsk-Sortirovochnyy (for Kravtsov).

(Railroads--Hump yards)

KRAPIVIN, A. G.

"Letter to the Editor," Vest. svyazi, No.7, p. 17, 1953

Chief, Pargolovskiy Rayon Communications Office, Leningrad Oblast'

Translation No. 543, 27 Apr 56

KRAPIVIN, A. M., Engineer

"Injection Water-Jet Heat Exchanger for Locomotive Water Heaters." Thesis for degree of Cand. Technical Sci. Sub 15 Jun 49, Moscow Order of the Labor Red Banner Electromechanical Inst of Railroad Engineers imeni F. E. Dzerzhinskiy.

Summary 82, 18 Dec 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1949. From Vechernya Moskva, Jan-Dec 1949.

*King, J. M.*

1. The process of heat transfer in a water-ice heat exchanger is studied. The results are given in the form of a table and a graph. The table shows the values of the heat transfer coefficient  $K$  and the heat transfer rate  $Q$  for different values of the heat exchanger parameters. The graph shows the dependence of the heat transfer coefficient  $K$  on the heat exchanger parameters.

3

2. The results of the study show that the heat transfer coefficient  $K$  increases with the increase of the heat exchanger parameters. The heat transfer rate  $Q$  also increases with the increase of the heat exchanger parameters. The results of the study show that the heat transfer coefficient  $K$  is a function of the heat exchanger parameters. The heat transfer rate  $Q$  is also a function of the heat exchanger parameters.

3. The results of the study show that the heat transfer coefficient  $K$  is a function of the heat exchanger parameters. The heat transfer rate  $Q$  is also a function of the heat exchanger parameters. The results of the study show that the heat transfer coefficient  $K$  is a function of the heat exchanger parameters. The heat transfer rate  $Q$  is also a function of the heat exchanger parameters.

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KRAPIVKA, A.M.

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Results are analyzed in a series of tests with water as heat transfer medium. In a laminar flow takes place between a water jet and a vertical plate, accompanied by condensation of the steam and heating of the water. These investigations show the feasibility of the theory of a heat-exchange flow as the flow of a single-phase fluid, and the necessity of introducing considerations of the steam phase in the treatment. A simplified method of calculating the thermal and hydrodynamic conditions in a water jet heat exchanger is suggested, applying the equations of one-phase convection of energy, continuity and several thermodynamic relationships.

All experimental investigation has been made of a water jet less turbulent than diffusers working under water. The previous distribution of the flow sections of the first exchanger has been modified. A glass vessel has been used to exhibit the qualitative picture of the momentum transfer flow as well as the shape of the jet, its distribution under various back pressures behind the diffuser.

 $\frac{1}{2}$

# NEGATIVE

As a result of these investigations, the high hydrodynamic qualities of the heat exchanger have been established. It has been found that, with increased pressure behind the diffuser, the structure of the water jet is changed. Conclusions are drawn regarding the influence of structural details of the heat exchanger, and a simplified method of determining the maximum water pressure behind the diffuser is given.

Yev. P. Dnyukin, USSR

Courtesy of Referativnyi Zhurnal

Translation courtesy Ministry of Supply, England

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KMS  
R107A

KRAPIVIN, A.M., kand. tekhn. nauk

Studying the hydrodynamics of water-jet heat exchangers.  
Trudy DIIT no.24:115-135 '54. (MIRA 16:11)

KRAPIVIN, A. M.

"Investigation of Heat Transfer in a Water Jet Heat Exchanger".  
Tr. Dnepropetr. in-ta inzh. zh. -d. transp., No 24, pp 136-154, 1954

The author presents a survey of works on the theory of the process of steam condensation on a moving water jet. With the goal of finding the quantitative dependence among criteria chosen on the basis of the theory of similarity, an experimental investigation is made of the heat transfer process in a water jet lengths. Formulas connecting various features of the heat transfer process are obtained for heat exchangers with an open water jet and with an intermediate mixing cone. (RZhMekh, No 8, 1955)

SO: Sum No 812, 6 Feb 1956

KAZAKEVICH, F.P., kand. tekhn. nauk; KRAPIVIN, A.M., kand. tekhn. nauk

Investigation of heat transfer and aerodynamic resistance of a  
bundle of tubes in a dust-laden stream of gas. Izv. vys. ucheb.  
zav.; energ. no. 1:101-107 Ja '58. (MIRA 11:7)

1. Dnepropetrovskiy institut inzhenerov zheleznodorozhnogo  
transporta.

(Heat--Transmission)  
(Aerodynamics)

124-58-9-10009

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 9, p 80 (USSR)

AUTHOR: Krapivin, A. M.

TITLE: Investigation of the Heat Transfer Occurring in "Shower-stall"-  
type Heat Exchangers (Issledovaniye teploperedachi v kamernykh  
razbryzgivayushchikh teploobmennikakh)

PERIODICAL: Tr. Dnepropetr. in-ta inzh. zh. -d. transp., 1958, Nr 26,  
pp 56-73

ABSTRACT: Bibliographic entry

1. Heat exchangers--Heat transfer    2. Heat exchangers--Performance

Card 1/1

KRAPIVIN, A.M., kand.tekhn.nauk, dotsent

~~Investigating~~ Investigating the operational process of steam-jet heat exchangers.  
Trudy DIIT no.26:74-95 '58. (MIRA 11:7)  
(Heat exchangers)

SOV/96-59-10-6/22

AUTHORS: Kazakevich, F.P. (Cand.Tech.Sci.), Krapivin, A.M. (Cand.Tech.Sci.), Anofriyev, G.I. (Cand.Tech.Sci.) and Veselyy, I.G. (Engineer)

TITLE: An Investigation of Radiant Heat Exchange in the Furnace of a Boiler when Burning Natural Gas

PERIODICAL: Teploenergetika, 1959, Nr 10, pp 34-38 (USSR)

ABSTRACT: Heat exchange in boilers is mostly by radiation. The standard thermal design procedure for boilers developed by the Central Boiler Turbine Institute is an empirical method that gives satisfactory results within the limits of the experimental material on which it is based. However, the opinion has been expressed that the standard procedure does not give sufficiently accurate results in furnaces burning natural gas. Therefore, in making balancing tests on a small boiler burning natural gas the authors simultaneously investigated radiant heat exchange. A diagrammatic cross-section of the boiler indicating the location of measuring instruments is given in Fig 1. The boiler had previously burned solid fuel. The boiler has a steam output of fourteen tons per hour, a furnace volume of 26 m<sup>3</sup>, and a radiation surface of 20.5 m<sup>2</sup>; the

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SOV/96-59-10-6/22

An Investigation of Radiant Heat Exchange in the Furnace of a  
Boiler when Burning Natural Gas

total surface of the furnace walls is  $62.3 \text{ m}^2$  and the degree of screening 0.33. Two gas burners of the type sketched in Fig 2 were installed in the front of the furnace. The extent to which the most important conditions were maintained constant during the tests will be seen from Fig 3. Natural gas from the Shebelinskoye field was used; its analysis is given and its calorific value is  $9050 \text{ kcal/m}^3$  at n.t.p. The measurement procedures used are described. Gas temperature curves at the outlet from the furnace when operating with an excess-air factor of 1.11 are plotted in Fig 4. The temperature is seen to be very high near the back wall of the furnace, mainly because the screening factor is so low. The flame temperature is evidently  $1600\text{--}1650^\circ\text{C}$ , which can damage the furnace lining. With normal excess-air factors the flame is short and fairly transparent; with low excess-air factors it becomes violet. The results of radiant heat exchange calculations are tabulated, and it will be seen that the excess-air factor ranged from 0.91 to 1.61. The apparent thermal loading of the furnace volume ranged from  $2.96 \times 10^3$  to  $445 \times 10^3 \text{ kcal/m}^3\text{hr}$ . The tabulated data

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SOV/96-59-10-6/22

An Investigation of Radiant Heat Exchange in the Furnace of a  
Boiler when Burning Natural gas

was used to calculate the direct heat output as a function of loading and as a function of the excess-air factor; the curves obtained are plotted in Figs 5 and 6 respectively. The dotted curves in Fig 6 relate to the detailed study of radiant heat exchange in a gas furnace of a boiler of 170 tons/hour. This furnace was fully screened. The study confirmed that contrary to assertions by other authors the proportion of direct heat transfer is quite low when burning natural gas. It is of interest to compare experimental data on heat transfer in the furnace in question with values calculated by the standard methods. In Fig 7 the temperature at the outlet from the furnace is plotted in dimensionless coordinates as a function of the ratio of Boltzmann's criterion to the blackness factor of the furnace. It will be seen that the experimental results lie close to the theoretical curves. The relationship between theoretical and calculated values of the gas temperature at the outlet from the furnace is plotted in Fig 8 and shows that in general the calculated values are about 40 °C too high. It is concluded that the standard

Card  
3/4

SOV/96-59..10-6/22

An Investigation of Radiant Heat Exchange in the Furnace of a  
Boiler when Burning Natural Gas

method of making thermal calculations gives satisfactory results when applied to small furnaces burning gas. It appears, however, that the emission properties of a natural gas flame have some special features that are not reflected in the standard formulae; this is why measured values of outlet temperature are lower than the calculated ones.

Card

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There are 8 figures, 1 table and 6 references, of which 5 are Soviet and 1 English.

ASSOCIATION: Dnepropetrovskiy institut inzhenerov  
zheleznodorozhnogo transporta  
(Dnepropetrovsk Institute of Railway Transport  
Engineers)

ANOFRIYEV, G.I.; KAZAKEVICH, F.P.; KRAPIVIN, A.M.

Heat exchange in cast iron water-feed economizers of natural gas  
boilers. Gaz. prom. 5 no.34-36 My '60. (MIRA 14:11)  
(Boilers) (Gas, Natural)

KRAPIVIN, B.G.; KOLOSOV, N.I.; ROMANENKO, V.S.; MAYOROVA, I.G., redaktor;  
PETROVA, M.D., tekhnicheskiiy redaktor.

[The radio reception and diffusion center in the school; directive materials] Shkol'nyi radiousel; instrukтивnye ukazaniia. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniia RSFSR, 1954. 48 p. (MLRA 7:11)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye shkol.  
(Radio--Receivers and reception)

RAPOPORT, Il'ya Savel'yevna; DELAVERIDI, B.F., inzh., retsenzent;  
KRAPIVIN, Boris Georgiyevich, red.; SYRCHINA, M.M., red.  
izd-va; MAL'KOVA, N.T., tekhn. red.

[Master electrician of the metallurgical plant] Master-  
elektrik metallurgicheskogo zavoda. Sverdlovsk, Metal-  
lurgizdat, 1962. 220 p. (MIRA 15:9)  
(Metallurgical plants—Electric equipment)

BOLDIN, K.M. (Yaroslavl'); DROZDOVA, Z.S.; LEVIN, R.I.; VAYSMAN, L.A. (Kuybyshev-obl.); PODOSINOVSKIY, V.V. (Kazan'); SAYFULLINA, Kh.M. (Kazan'); BUSYGIN, N.V. (Kazan'); RAZUMOVSKIY, Yu.K. (Leninogorsk); GEL'FER, G.A., dotsent (Gor'kiy); MAMISH, M.G. (Kazan'); RAFALOVICH, M.B., dotsent; MEL'NICHUK, S.P., kand.med.nauk; KRAPIVIN, B.V.; STAROVEROV, A.T. (Saratov); SURIN, V.M.; POROSHENKOV, V.S. (Romodanovo, Mordovskoy ASSR); ANDROSOV, M.D. (Moskva); ZARIPOV, Z.A. (Urussu, Tatarskoy ASSR); MURAV'YEV, M.F. (Izhevsk); KUZ'MIN, V.I. (Batyrevo, Chuvashskoy ASSR); SITDYKOV, E.N. (Kazan'); YUDIN, Ya.B. (Novokuznetsk)

Short reports. Kaz.med.zhur. no.4:81-91 J1-Ag '62. (MIRA 15:8)  
(MEDICINE--ABSTRACTS)

KRAPIVIN, G. B.

POLTEV, Vladimir Kirillovich; SMOL'NIKOV, Lev Petrovich; ZOTOV, N.P., redaktor; BURDE, L.V., redaktor; KRAPIVIN, G.B., redaktor; KEL'NIK, V.P., redaktor; KOVALENKO, N.I., tekhnicheskii redaktor.

[Reference manual for electricians in metallurgical plants]  
Spravochnoe rukovodstvo elektriika metallurgicheskogo zavoda.  
Sverdlovsk, Gos.nauchno-tkhn.izd-vo lit-ry po chernoi i  
tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1955. 456 p.  
(Electric machinery--Maintenance and (MLRA 8:12)  
Repair) (Metallurgical plants)

KUZ'MINYKH, I.N., professor; BABUSHKINA, M.D.; BALMASOV, Ye.Ya.; KRAPIVIN, I.N.;  
KUZNETSOVA, A.G.; SHARAPOVA, Z.I.

Testing an enlarged bubbler installation for the production of  
sulfite liquor. Bum.prom.31 no.3:11-13 Mr '56. (MIRA 9:7)

1.Sokol'skiy tsellyulozne-bumazhnyy kombinat i Moskovskiy filial  
TSentral'nogo nauchno-issledovatel'skego instituta bumagi.  
(Sulfite liquor)

*КРАПИВИН*  
KUZ'MINYKH, I.N., prof.; BABUSHKINA, M.D.; BABAYEV, Ye.V.; KRAPIVIN, I.N.

Air blow recovery of sulfur dioxide from wash waters. Bum. prom.  
32 no.12:2-5 D '57. (MIRA 11:1)  
(Sulfur dioxide) (Wood pulp)

BABUSHKINA, M.D.; BABAYEV, Ye.V.; KIR'YAKOV, M.F.; KARASIK, K.K.;  
SHARAPOVA, Z.I.; KRAPIVIN, I.N.

Industrial bubble-cap column for the production of sulfite acid  
by the milk-of-lime method. Bum.prom. 34 no.6:12-15 Ja '59.  
(MIRA 12:10)

1. Moskovskiy filial Tsentral'nogo nauchno-issledovatel'skogo instituta tsellyuloznoy i bumazhnoy promyshlennosti (for Babushkina, Babayev). 2. Sokol'skiy tsellyulozno-bumazhnyy kombinat (for Kir'yakov, Karasik, Sharapova). 3. Sukhonskiy tsellyulozno-bumazhnyy kombinat (for Krapivin).  
(Sulfite liquor) (Plate towers)

KRAPIVIN, I.N.; KRASAVIN, V.A.

Papper with reduced density is on its way. Bum. prom. 38 no.5:  
3-4 My '63. (MIRA 16:8)

1. Direktor Sukhonskogo kombinata (for Krapivin). 2. Glavnyy  
inzh. Sukhonskogo kombinata (for Krasavin).  
(Paper industry)

GOTLIB, Ya.L., inzh.; KRAPIVIN, I.V., inzh.; RAZZORENOV, F.F., inzh.;  
SMOLIN, N.I., inzh.

Passage of frazil ice over the crest of the spillway dam of the  
Bratsk Hydroelectric Power Station. Gidr. i stroi. 30 no.5:34-37  
My '60. (MIRA 14:5)

(Bratsk Hydroelectric Power Station)  
(Angara River--Ice)

GOTLIB, Ya.~~I.~~, inzh.; KRAPIVIN, L.V., inzh.; RAZZORENOV, F.F., inzh.; ROZHKOV,  
N.P., inzh.

Ice flow through the piers of the Bratsk hydroelectric power  
station spillway dam. Gidr.stroi. 31 no.6:27-31 Je '61.  
(MIRA 14:6)  
(Bratsk Hydroelectric Power Station--Ice on rivers, lakes, etc.)

KRAPIVIN, L.Ye.; ANDREYEVA, S.A.

New method for the analysis of gases based on air afterglow.  
Trudy LTI no.60;218-226 '60. (MIRA 14;6)  
(Gases--Analysis)

KRAPIVIN, L. Ye., Cand Tech Sci -- "Afterglow of air and its  
application in <sup>the technique of</sup> gas analysis," Len, 1961. (Com of Stand, Meas <sup>and</sup>  
and Meas <sup>using known methods</sup> ~~Instrum~~ attached to Council of Ministers USSR. All-  
Union Sci Res Inst, Metrology im D. I. Mendeleyev) (KL, 8-61)  
245)

- 253 -

KRAPIVIN, M. G., Cand of Tech Sci -- (diss) "Investigation of a high-speed drilling of anthracite blast holes." Novocherkassk, 1957, 18 pp (Novocherkassk Polytechnical Institute im Sergo Ordzhonikidze, Chair of Mining Machinery and Ore Transportation), 125 copies (KL, 32-57, 93)

GARASHCHENKO, P.A.; KRAPIVIN, M.G.; SHIPOVSKIY, I.A.

Studying loads characterizing the strength of cutters in stone-  
drifting cutter-loaders. Trudy NPI 158:27-35 '64.  
(MIRA 18:11)

FRATTIN, M.C.

Coal Mines and Mining

Limiting the speed of skip hoisting. Ugol' 27, No. 5, (314) (1952)

Monthly List of Russian Accessions, Library of Congress, August 1952, UNCLASSIFIED.

MIKHAYLOV, V.G., doktor tekhn.nauk; KRAPIVIN, M.G., kand.tekhn.nauk;  
KARYUK, G.G., kand.tekhn.nauk; KOZHENTSEV, Yu.T., aspirant;  
GARASHCHENKO, P.A., aspirant; MALYAROV, G.P., aspirant;  
KOGAN, K.B., inzh.; SUKACH, V.D., inzh.; TKACHENKO, V.A., inzh.;  
LINENKO, Yu.P., inzh.; MOZNAIM, G.I., inzh.; MARTYSENKO, I.A., inzh.

Cutting tool for the cutter loader. Ugol' Ukr. 6  
no.8:37-39 Ag '62. (MIRA 15:11)  
(Coal mining machinery)

RUBYN, V.M., inzh.; MUKHAYEV, V.G., prof.; SHAPININ, V.I., docent

Selecting efficient parameters for a assembly a loading mechanisms  
on coal mining cutter-loaders. 120. str. uchok. zad.: gor. zhuz.  
8 no.7:124-130 '65. (MIRA 18:9)

1. Novocherkasskiy politehnicheskoy in-sti. rekomendovana  
kafedroy gornyykh mashin.